

City of Davenport

Polk County, Florida



"Gateway to the Ridge"

2030 Comprehensive Plan

Infrastructure Element

INFRASTRUCTURE ELEMENT

SANITARY SEWER

GOAL 1: THE CITY SHALL ENSURE THAT ALL WASTEWATER GENERATED WITHIN ITS CORPORATE LIMITS WILL BE TREATED AND DISPOSED OF IN AN ENVIRONMENTALLY SOUND AND EFFICIENT MANNER. *[9J-5.011(2)(a)]*

OBJECTIVE 1.1: THROUGHOUT THE PLANNING PERIOD, THE CITY SHALL ENSURE THAT ENVIRONMENTALLY SOUND WASTEWATER TREATMENT FACILITIES ARE AVAILABLE CONCURRENT WITH THE IMPACTS OF NEW DEVELOPMENT. THIS SHALL BE ACCOMPLISHED THROUGH THE ADOPTION AND ENFORCEMENT OF LAND DEVELOPMENT REGULATIONS AND THE CONCURRENCY MANAGEMENT SYSTEM, AND THROUGH THE DEVELOPMENT REVIEW PROCESS. *[9J-5.011(2)(B)1,2,3]*

Policy 1.1.1: Throughout the planning period, the City shall coordinate with the Polk County Utilities Division to explore the means and feasibility of providing central sewer service into the City. *[9J-5.011(2)(c)1]*

Policy 1.1.2: As an interim measure, pending the installation of a central sewage treatment system, the City shall adopt the following level of service standards:

Sanitary Sewer - Level of Service

Flow Capacity:	(Average) 100 gpcd average daily flow. (Peak) 2 times average daily flow.
Effluent Treatment:	Meet or exceed EPA and DEP effluent standards.

[9J-5.007(3)(c)2]

Policy 1.1.3: Where required, the City shall review all development proposals within its jurisdiction and require that such proposals contain sufficient information to determine their impacts on the adopted level of service standards for sanitary sewer. *[9J-5.011(2)(c)2]*

Policy 1.1.4: It shall be the responsibility of the developer to obtain the required permits from the Polk County Health Department and/or the Florida Department of

Environmental Protection for developments proposing septic systems, package treatment systems, or other on-site sewage treatment systems. Upon adoption of this Comprehensive Plan, the city shall not issue a Development Order prior to proof, by the developer, that all required permits have been obtained. *[9J-5.011(2)(c)2]*

Policy 1.1.5: The City shall adopt development standards which prohibit the location of new septic systems in wetlands, floodplains, and areas containing soils with "severe" limitations or which do not pass percolation tests conducted by the Department of Health. Existing septic systems located in areas with severe soil limitations may be maintained or replaced to provide more efficient wastewater treatment. *[9J-5.011(2)(c)1]*

SOLID WASTE

GOAL 2: **THE CITY SHALL PROVIDE FOR THE COLLECTION AND ENVIRONMENTALLY SOUND DISPOSAL OF ALL NON-HAZARDOUS SOLID WASTE GENERATED WITHIN ITS JURISDICTION.** *[9J-5.011(2)(a)]*

OBJECTIVE 2.1: **THE CITY SHALL WORK TOWARDS THE MOST EFFICIENT USE OF ITS SOLID WASTE COLLECTION SYSTEM AND THE AVAILABLE DISPOSAL FACILITIES. THIS SHALL BE ACCOMPLISHED THROUGH THE ADOPTION OF A LEVEL OF SERVICE STANDARD AND BY MONITORING SOLID WASTE COLLECTED IN THE CITY.** *[9J-5.011(2)(B)1,3]*

Policy 2.1.1: The City shall adopt the following level of service standard for solid waste collection within its jurisdiction consistent with Polk County:

LOS Standard = 8 Pounds per capita per day

Policy 2.1.2: On an annual basis, the City shall monitor solid waste generated within its jurisdiction and verify that capacity will be available at the designated Polk County landfill. The City shall coordinate with Polk County to determine additional capacity needs for the disposal of the City's solid waste. *[9J-5.011(2)(c)1]*

Policy 2.1.3: Throughout the planning period, the City shall participate with the Department of Environmental Protection and Polk County in promoting "Amnesty Days" for the periodic collection and disposal of household hazardous wastes.

Policy 2.1.4: The City shall continue to comply with federal and state reporting standards of the "Emergency Planning and Community Right-To-Know Act of 1986" (SARA Title III) for all hazardous materials used, stored, or produced by city operated facilities. *[9J-5.011(2)(c)1]*

OBJECTIVE 2.2: **IN ORDER TO IMPLEMENT EFFICIENT RECYCLING EFFORTS TO RETURN VALUABLE MATERIALS TO PRODUCTIVE USE, CONSERVE ENERGY, AND PROTECT NATURAL RESOURCES, THE CITY SHALL CONTINUE TO COORDINATE WITH POLK COUNTY AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IN MEETING THE COUNTY'S AND STATE'S GOALS FOR RECYCLING.**

Policy 2.2.1: To increase public participation in recycling efforts, the City shall take part in countywide public education efforts and provide information to Davenport citizens on the location of facilities for the disposal of oil, tires, and other recyclable materials.

Policy 2.2.2: The City's efforts to recycle should be consistent with the Polk County Solid-Waste Management and Resource-Recovery Master Plan.

AQUIFER RECHARGE

GOAL 3: **TO PROTECT THE NATURAL FUNCTION OF AQUIFER RECHARGE AREAS WITHIN THE CORPORATE LIMITS OF DAVENPORT AND TO ASSURE A SAFE AND AMPLE SUPPLY OF GROUNDWATER TO ITS RESIDENTS. *[9J-5.011(2)(a)]***

OBJECTIVE 3.1: **THE CITY SHALL CONSERVE AND PROTECT THE NATURAL FUNCTION OF AQUIFER RECHARGE AREAS AND GROUNDWATER RESOURCES FROM ADVERSE IMPACTS AND INCOMPATIBLE LAND USES. THIS SHALL BE ACCOMPLISHED THROUGH THE ENFORCEMENT OF LAND DEVELOPMENT REGULATIONS; AND BY COORDINATING WITH POLK COUNTY, THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT, AND/OR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION TO DELINEATE AREAS OF PRIME AQUIFER RECHARGE AND CONES OF INFLUENCE FOR MUNICIPAL WATER WELLS. *[9J-5.011(2)(B)5]***

- Policy 3.1.1:** Areas of prime recharge to the Floridan Aquifer and cones of influence for municipal water wells as identified and included on the Future Land Use Map and Environmental Map series shall be updated by January 2012. *[9J-5.011(2)(c)4]*
- Policy 3.1.2:** Consistent with Policy 3.1.1, land uses which are incompatible with designated prime groundwater aquifer recharge areas or water well cones of influence shall be disapproved. The use or storage of hazardous substances within designated prime groundwater aquifer recharge areas or water well cones of influence shall continue to be regulated and enforced through the City's Land Development Regulations. *[9J-5.011(2)(c)4]*
- Policy 3.1.3:** The City shall continue to enforce wellhead protection standards to limit the types and intensity of land uses within a 200-foot radius of a public supply well. *[9J-5.011(2)(c)4]*
- Policy 3.1.4** Continue to enforce City's Land Development Regulations, related to minimum development standards for retention and detention areas and for the amount of impervious surface material permitted in developments. The City shall encourage the use of porous pavement and grid and modular pavement for new development located in identified high aquifer recharge areas. *[9J-5.011(2)(c)4]*

DRAINAGE

GOAL 4: **TO ENSURE THE PROPER MANAGEMENT OF THE QUANTITY AND QUALITY OF STORMWATER RUNOFF.** *[9J-5.011(2)(a)]*

OBJECTIVE 4.1: **THE CITY SHALL MANAGE THE QUALITY AND QUANTITY OF STORMWATER RUNOFF. EXISTING DEFICIENCIES IN MAN-MADE OR ALTERED NATURAL DRAINAGE FACILITIES SHALL BE CORRECTED. NEW DEVELOPMENT SHALL BE REQUIRED TO ADEQUATELY MANAGE STORMWATER RUNOFF. THE FUNCTIONS OF NATURAL DRAINAGE FEATURES SHALL BE PROTECTED THROUGH ENFORCEMENT OF LAND DEVELOPMENT REGULATIONS.**

Policy 4.1.1: The City shall enforce its Land Development Regulations that include design standards to ensure that post-development runoff rates, volumes, and pollution loadings meet the minimum development standards of the Southwest Florida Water Management District and the Florida Department of Environmental Protection. *[9J-5.011(2)(c)1,4]*

Policy 4.1.2: The City will coordinate with Polk County in an inventory of drainage facilities within and affecting Davenport.

Policy 4.1.3: Where drainage deficiencies have been identified, the City will develop a drainage correction and improvement strategy, seeking funding assistance from the appropriate agency.

Policy 4.1.4: The City shall consider a stormwater utility district to fund existing drainage deficiencies. City shall request funding assistance from the Southwest Florida Water Management District or other appropriate agencies to undertake this study. The City shall coordinate with Polk County to participate in a county-wide stormwater utility study if warranted.

Policy 4.1.5: Level of Service

The following shall be the level of service standards for stormwater facilities:

- a. Drainage Structures:
Ability to handle 25-year, 24 hour storm event
- b. Stormwater Facilities:
25-year, 24 hour storm event at top of bank or berm
- c. Storm sewers:
Capacity to handle a 25-year storm event

Policy 4.1.6: For all new development and redevelopment, post-development peak-discharge volumes and runoff-rates shall not exceed the corresponding pre-development volumes and rates. All development requests, except those for individual single-family dwelling units on a lot of record, minor subdivisions, and minor commercial sites, shall be required to submit engineering plans, prepared by a professional engineer licensed to practice in Florida, for the purpose of providing evidence of compliance with this policy. Single-family dwelling units on existing lots of record, minor subdivisions, and minor commercial sites are not considered to pose a significant amount of adverse impacts with regard to stormwater runoff. However, this does not exempt them from meeting the Level of Service Standards for storm-water management.

Policy 4.1.7: The volume of stormwater runoff to be treated for a site shall be determined by the type of treatment system. A wet detention treatment system shall treat one inch of runoff from the contributing area. Detention with an effluent filtration system (manmade underdrains), on-line and offline treatment systems shall treat runoff from the first one inch of rainfall; or as an option for projects or project subunits with drainage areas less than 100 acres, the first one-half inch of runoff. In determining the runoff from one inch of rainfall, calculations must be provided to determine the runoff from the directly connected impervious areas separately from any other contributing areas.

Policy 4.1.8: Best Management Practices for stormwater runoff shall be included in a new development's open space and landscaped areas to reduce maintenance and improve aesthetics. *[9J-5.011(2)(c)4]*

Policy 4.1.9: Land Development Regulations shall provide for the protection of natural drainage features.

POTABLE WATER

GOAL 5: **TO PROVIDE A RELIABLE AND AMPLE SUPPLY OF POTABLE WATER TO MEET THE EXISTING AND PROJECTED NEEDS OF ALL RESIDENTS.** *[9J-5.011(2)(a)]*

OBJECTIVE 5.1: **THE CITY SHALL EXPAND THE CAPACITY OF THE MUNICIPAL WATER SYSTEM WHERE NECESSARY TO MEET THE PROJECTED NEEDS OF FUTURE RESIDENTS AND TO PROMOTE COMPACT GROWTH AND DISCOURAGE URBAN SPRAWL AND "LEAP FROG" DEVELOPMENT. THIS SHALL BE ACCOMPLISHED THROUGH THE ADOPTION OF LEVEL OF SERVICE STANDARDS, AND THE ADOPTION AND ENFORCEMENT OF LAND DEVELOPMENT REGULATIONS AND THE CONCURRENCY MANAGEMENT SYSTEM.** *[9J-5.011(2)(B)2,3]*

Policy 5.1.1: The City shall adopt the following levels of service standards for potable water:

Gallons Per Capita Per Day:	142.5 gpcd
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[9J-5.011(2)(c)2]

- Policy 5.1.2:** Through the enforcement of Land Development Regulations and a Concurrency Management System, the City will not issue a Development Order that would result in the failure of the municipal water system to meet the established level of service standards of this Comprehensive Plan. Prior to issuance of a building permit, the City shall determine that its water system can provide an adequate supply of potable water to serve the new development no later than the anticipated date of issuance of a certificate of occupancy for the development. *[9J-5.011(2)(c)2]*
- Policy 5.1.3:** The expansion of potable water facilities shall be restricted to: 1) those unserved areas of the City or unincorporated Polk County that have been determined to be suitable for future development. Development suitability shall be based on the development standards adopted in the Comprehensive Plan; and 2) to areas where the City has legal commitments in providing service, and to outlining areas designated by the State of Florida for the abatement of EDB contamination in private wells. *[9J-5.011(2)(c)1]*
- OBJECTIVE 5.2:** **BEGINNING ON THE DATE OF ADOPTION OF THE COMPREHENSIVE PLAN, THE CITY SHALL IMPLEMENT PROCEDURES TO CONSERVE POTABLE WATER RESOURCES WHILE MEETING THE GOALS, OBJECTIVES, AND POLICIES RECOMMENDED IN THE CITY'S WATER SUPPLY PLAN. *[9J-5.011(2)(B)4]***
- Policy 5.2.1:** The City shall test its municipal water meters on a regular basis in order to evaluate their accuracy in reporting per capita water consumption. Water meters that measure below reasonable tolerance will be repaired or replaced. *[9J-5.011(2)(c)1,3]*
- Policy 5.2.2:** As a result of evaluating the accuracy of the city's water meters outlined in Policy 5.2.1, if per capita water use is at or above five percent of the Polk County average the City shall, where required, implement a leak detection study of the water distribution system in order to identify maintenance or repair needs. *[9J-5.011(2)(c)1,3]*
- Policy 5.2.3:** The City shall coordinate with the Southwest Florida Water Management District and implement a water conservation program designed to lower per capita water consumption by 2 percent per year; until per capita water consumption does not exceed 142.5 gallons per day. *[9J-5.011(2)(c)3]*
- Policy 5.2.4:** Through reciprocal coordination, the City shall comply with and enforce the Southwest Florida Water Management District's "Water Shortage Plan" during periods of drought, declared water shortages, or water shortage emergencies. Water use restrictions shall be enforced by the

Davenport Police Department and violators in the City's jurisdiction will be cited and brought before the Davenport Code Enforcement Board for appropriate action. *[9J-5.011(2)(c)3]*

OBJECTIVE 5.3: CORRECTING EXISTING FACILITY DEFICIENCIES AND MAXIMIZING CURRENT FACILITIES

THE CITY OF DAVENPORT SHALL CORRECT ANY EXISTING DEFICIENCIES IN THE MUNICIPAL WATER AND WASTEWATER SYSTEMS THROUGH A CONTINUED PROGRAM OF REGULAR INSPECTION, MAINTENANCE, RENOVATION, AND REPLACEMENT. *[9J-5.011(2)(B)1]*

Measurable Targets: Number of inspections of wastewater and potable water facilities; number of deficiencies identified; number of deficiencies corrected; number of on-site sewage disposal systems (septic tanks) approved; number of central sewer connections replacing existing septic tanks.

Policy 5.3.1: The City shall permit existing septic tanks to remain in service until such time as municipal sanitary sewer service becomes available to the property, in accordance with State law. Septic tanks shall be removed from service at such time the City is capable of connecting its sewer system to the plumbing of an establishment or residence available, subject to the following conditions:

- a) For a single family residence, a gravity sewer line exists or is placed in a public easement or right-of-way that abuts the property line of the residence.
- b) For a business establishment having an estimated sewage flow of 1,000 gallons per day or more, a gravity sewer line, force main, or lift station exists within fifty (50) feet of the property line of the establishment as accessed via a public easement or right-of-way.
- c) For industrial or manufacturing uses utilizing an onsite sewage disposal system, the municipal sewerage system is within 500 feet as measured and accessed via existing rights-of-way or public easements.
- d) From the time any of the above criteria are met, the residence or business establishment shall have up to one (1) year to connect to and utilize the City's sewer system.

Policy 5.3.2:

Septic tanks shall be considered temporary and may be permitted only when municipal sanitary sewer facilities are unavailable because of capacity or line extension deficiencies or limited under a State-imposed moratorium and where conditions are favorable to their use, including soils, drainage, and proximity to water bodies or conservation lands. The City's Land Development Regulations shall contain standards for allowing a temporary septic tank disposal system. Standards shall include, at the minimum, the following:

- a) Septic tanks shall be considered only for single family residential uses, duplexes, or multiple family uses not exceeding a net density of four (4) units per acre, and for business establishments generating less than 1,000 gallons per day.
- b) All new and replacement septic tank systems must be permitted by the City.
- c) Proof of County Health Department approval shall be provided to ensure proper septic tank installation, use, and maintenance. Standards set forth under Chapter 64-E6, F.A.C.
- d) USDA Soil Conservation Services determinations shall be applied to ensure the adequacy of each type of soil and water table levels to support septic tank use. To wit, septic tanks on soils having "slight" or "moderate" limitations shall not be located within 75 feet of the mean water line of a lake or 50 feet of a wetland jurisdiction line. Except where a higher level treatment system is permitted by the Polk County Health Department, no septic tanks system shall be permitted in soils having a "severe" limitation rating.
- e) Topography prohibits connecting to a centralized sewer system via a gravity line greater than 200 feet from the property.

OBJECTIVE 5.4:**EXPANSION OF CURRENT FACILITIES TO MEET FUTURE NEEDS**

THE CITY OF DAVENPORT WILL INCREASE FACILITY CAPACITY OR SERVICE AREA AS NECESSARY TO ENSURE THE PROVISION OF SERVICES AT OR ABOVE THE ESTABLISHED LEVEL OF SERVICE FOR ALL MUNICIPAL SERVICES AND FACILITIES AVAILABLE TO ACCOMMODATE FUTURE DEMANDS. [9J-5.011(2)(B)2,3]

Measurable Targets: Meet or exceed the adopted level of service standards of all municipal services and facilities (measured by the CMS) to accommodate future growth.

- Policy 5.4.1:** The City will extend municipal sanitary sewer or potable water facilities only if such expansion will not adversely impact the ability of the City to provide adequate service to the existing service area. *[9J-5.011(2)(c)1]*
- Policy 5.4.2:** The City shall approve extension of the geographical area of service for municipal sanitary sewer and potable water facilities into new developments only at the expense of the developer.
- Policy 5.4.3:** The City shall require that all new subdivisions constructed within the City limits, or existing subdivisions annexed into the City must be connected to the municipal sanitary sewer and potable water systems.
- Policy 5.4.4:** The City will continue to ensure, through land development regulations and the City's concurrency management system that no development order will be issued that would result in a level of service deficiency. *[9J-5.001(2)(c)1]*
- Policy 5.4.5:** The extension of municipal sanitary sewer and potable water facilities beyond the City limits of Davenport shall be extended to those areas suitable for higher densities and intensities of use that are only contiguous to the City and to discourage urban sprawl.
- Policy 5.4.6:** All improvements, including repair, maintenance, and expansion of municipal sanitary wastewater and potable water facilities shall be included in the 5-Year Schedule of Capital Improvements. *[9J-5.001(2)(c)1]*
- Policy 5.4.7:** The City shall require property owners to hook-up to the municipal water system and sanitary sewer system, at the property owner's expense, within one year of notice from the City that municipal service is available.

10-YEAR WATER SUPPLY FACILITIES WORK PLAN

- GOAL 6:** **TO PROVIDE A SAFE AND ADEQUATE SUPPLY OF POTABLE WATER UTILIZING EXISTING WATER SUPPLY WELLS, ALTERNATIVE WATER SUPPLY SOURCES, DISCOURAGING ADDITIONAL GROUND WATER WITHDRAWAL, TO MEET THE EXISTING AND PROJECTED NEEDS OF ALL EXISTING AND FUTURE DEVELOPMENTS THROUGH ADOPTING A 10-YEAR WATER SUPPLY PLAN. *[Sections 163.3180(2)(a), 163.3177(3)(a)5., (6)(a) and (c), F.S.]***

- OBJECTIVE 6.1:** CITY OF DAVENPORT SHALL IMPLEMENT THE 10-YEAR WATER SUPPLY PLAN ADOPTED AS PART OF THIS ELEMENT TO ENSURE THE ADEQUATE PROVISION OF POTABLE WATER WITHIN THE SERVICE AREAS. AS PART OF THIS PLAN, THE CITY WILL CONTINUE TO MONITOR AND CORRECT ANY DEFICIENCIES FOUND IN EXISTING PUBLIC POTABLE WATER TREATMENT AND DISTRIBUTION FACILITY AND PLANNED EXTENSIONS AND INCREASES OF FACILITY CAPACITIES IN ORDER TO MAXIMIZE THE USE OF EXISTING FACILITIES AND DISCOURAGE URBAN SPRAWL.
- Policy 6.1.1:** Per Section 163.3202(1), FS, the City shall continue to implement the Capital Improvement Program (CIP) to provide potable water service within the unincorporated Urban Development Areas, as established by the Future Land Use Element.
- Policy 6.1.2:** The City shall coordinate and update the City's adopted 10-Year Water Supply Plan consistent with the applicable Water Management District's Regional Water Supply Plans with 18 months of the update of the Regional Water Supply Plan and the policies of this Comprehensive Plan in order to maximize the use of existing facilities and provide for future needs.
- Policy 6.1.3:** All improvements of existing potable water system, expansion, replacement, or increase in capacity shall be completed in accordance to the 10-Year Water Supply Plan and shall meet or exceed established LOS standards.
- Policy 6.1.4:** The City shall evaluate on a regular basis the effectiveness of the Polk County Water and Wastewater Master Plans for each regional utility service area and if necessary, amend the 10-Year Water Supply Plan.
- Policy 6.1.5:** As part of the process for implementing new developments, developers shall be required to identify and use alternative water sources to meet irrigation and aesthetic needs that are consistent with the Land Development Regulations, and the rules and recommendations of the Southwest Florida Water Management District, and the Central Florida Coordination Area. These master systems shall be dedicated to the City in accordance with the Land Development Regulations.
- Policy 6.1.6:** Reuse or Reclaimed water (treated/recycled) distribution system shall be incorporated in the design of all new wastewater treatment systems and, as feasible, in any existing plant capacity upgrades.

OBJECTIVE 6.2: CITY OF DAVENPORT SHALL IMPLEMENT ADOPTED REGULATIONS CONSISTENT WITH THE ADOPTED LOS FOR POTABLE WATER FACILITY MANAGEMENT IN ACCORDANCE WITH SECTION 163.3202(1), FS.

Policy 6.2.1: All improvements of existing potable water system, expansion, replacement, or increase in capacity shall be completed in accordance to the 10-Year Water Supply Plan and shall meet or exceed established LOS standards.

OBJECTIVE 6.3: CITY OF DAVENPORT SHALL PRESERVE EXISTING WATER SUPPLIES (POTABLE, INDUSTRIAL, AND AGRICULTURAL) TO MEET THE DEMANDS FOR FUTURE GROWTH.

Policy 6.3.1: The City of Davenport shall continue to coordinate with the water management districts to establish and assess existing water supplies.

Policy 6.3.2: As part of the 10-Year Water Supply Plan, the City shall adopt and implement, in coordination with the water management districts and DEP, programs which incorporate strategies and techniques to implement water conservation, reclaimed water reuse, and any other activity equivalent to a consumption rate goal of 120 gallons per capita per day by the year 2020 with the intent of reducing the need for additional demand on the hydrological system.

Policy 6.3.3: The City, as part of the 10-Year Water Supply Plan, shall develop and implement a program to implement the use of properly treated wastewater (reclaimed) for agricultural and residential irrigation industrial coolant, and other activities which do not require the use of potable water in all of its utility service areas.

Policy 6.3.4: The City shall continue to develop and implement educational programs to promote the value of potable water sources and the importance of conservation of water usage in order to protect and preserve potable water resources.

Policy 6.3.5: Prior to the approval of development by the City of Davenport on any parcel, the owner of said parcel shall transfer the consumptive use permits and/or water use permits to the City for all wells located on said parcel.

OBJECTIVE 6.4: CITY OF DAVENPORT SHALL IMPLEMENT A DEVELOPMENT REVIEW PROCESS TO ENSURE THAT DEVELOPMENT OCCURS WHERE PUBLIC FACILITIES HAVE SUFFICIENT CAPACITY TO SERVE EXISTING POPULATION AND THE NEEDS OF THE DEVELOPMENT, BASED ON

LEVEL OF SERVICE STANDARDS AS ESTABLISHED BY THE LAND DEVELOPMENT REGULATIONS AND ADOPTED IN ACCORDANCE WITH SECTION 163.3202(1), FS.

Policy 6.4.1: City of Davenport shall require the use of alternative water sources to increase the available resources that are consistent with the Land Development Regulations, and the rules and recommendations of the Southwest Florida Water Management District, and the Central Florida Coordination Area.

OBJECTIVE 6.5: CITY OF DAVENPORT SHALL CONTINUE TO IMPLEMENT WATER CONSERVATION AND REUSE PROGRAM FOR DEVELOPMENT AND REDEVELOPMENT IN ACCORDANCE WITH WATER MANAGEMENT DISTRICTS.

Policy 6.5.1: City of Davenport shall provide for enforcement of water use restrictions declared by applicable water management districts during district-declared water shortages.

Policy 6.5.2: City of Davenport shall develop and implement water conservation techniques to minimize use or conserve more water. Connection to reclaimed water and planting of drought tolerant and Florida friendly plants shall be required when available and feasible.

Policy 6.5.3: City of Davenport development regulations shall include landscaping requirements for residential, commercial and industrial development that stress water conservation techniques such a Florida friendly landscaping or use of drought tolerant native vegetation.

Policy 6.5.4: As part of the City's 10-Year Water Supply Plan, potable water conservation measures shall be established in the Land Development Regulations consistent with the rules and recommendations of the SWFWMD and other members of the Central Florida Coordination Area, to include:

- a. Reclaimed and non-potable water systems, if available:
 - i. To facilitate the use of reclaimed water in new developments, master reclaimed or non-potable water distribution systems shall be installed during the construction of the development in accordance with the Land Development Regulations.

- ii. As part of the process for implementing new developments, developers shall be required to identify and use alternative water sources to meet irrigation and aesthetic needs for the proposed development, as required in the Land Development Regulations. Such master systems shall be dedicated to the City in accordance with the Land Development Regulations.
- b. Requiring low-water demand for landscaping;
- c. Requiring low-volume plumbing fixtures as outlined by State Law;
- d. Maintaining and implementing a water conservation educational program;
- e. Requiring development to be consistent with the Southern Water Use Caution Area (SWUCA);
- f. Implementing a water conservation program;
- g. Implementing conservation rate structures designed to promote water conservation by all customer types;
- h. Adoption of watering restrictions and requirement that reclaimed (non-potable) water be used by all customers when made available by the water utility; and
- i. Enforcement of water restrictions by customers, monitoring of excessive water uses and other active measures to ensure that water is conserved and non-compliance is corrected.

Policy 6.5.5: City of Davenport shall coordinate with applicable local governments, water management districts, the Fish and Wildlife Commission, and other state and local agencies to identify and protect unique environmental resources.

OBJECTIVE 6.6: CITY OF DAVENPORT SHALL ESTABLISH AND IMPLEMENT MECHANISMS TO ENSURE UNIFORM AND TIMELY COORDINATION OF PLANNING AND DEVELOPMENT ISSUES WITH ADJACENT MUNICIPALITIES, POLK COUNTY, THE SCHOOL BOARD, INDEPENDENT SPECIAL DISTRICTS AND OTHER GOVERNMENTAL ENTITIES.

Policy 6.6.1: The City of Davenport will identify and describe joint processes for collaborative planning on population projections, school siting, facilities

subject to concurrency, facilities with countywide significance, the potential for sharing facilities, the 10-Year Water Supply Plan, unwanted land uses, and other issues of mutual concern.

OBJECTIVE 6.7: CITY OF DAVENPORT SHALL PLAN FOR AND PROVIDE NEEDED CAPITAL FACILITIES THAT ARE WITHIN THE FISCAL CAPABILITY OF THE CITY THROUGH THE ANNUAL ADOPTION OF A CAPITAL INVESTMENT PROGRAM (CIP).

Policy 6.7.1: City of Davenport shall provide needed capital improvements for water and sewer facilities as referenced within the Capital Improvement Plan of the Update to the Utility Master Plans adopted or as modified by the City Council through the annual budget and Capital Improvement Plan adoption process. Any modifications to the “Water and Wastewater Master Plan Update”, the 10-Year Water Supply Plan, or the geographic service areas to be serviced by water and/or sewer that will eliminate, defer, or modify funding or placement of improvements shall be implemented through Goals, Objectives and Policies of the Comprehensive Plan.